



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/014,114	12/11/2001	Vij Rajarajan	MS167414.2/40062.150USU1	3950

27488 7590 02/12/2004

MERCHANT & GOULD  
P.O. BOX 2903  
MINNEAPOLIS, MN 55402-0903

EXAMINER
----------

THAI, HANH B

ART UNIT	PAPER NUMBER
----------	--------------

2171

DATE MAILED: 02/12/2004

6

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/014,114

Applicant(s)

RAJARAJAN ET AL.

Examiner

Hanh B Thai

Art Unit

2171

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 11 December 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 11 December 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 4 and 5.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

Art Unit: 2171

This is in response to an application filed December 11, 2001 in which claims 1-13 are presented for examination.

### **DETAILED ACTION**

#### ***Claim Rejections - 35 USC § 101***

35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

The claimed invention is directed to non-statutory subject matter. Claims 11-13 are rejected under 35 U.S.C. 101 because they are purely descriptive material.

#### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 1-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Duxbury (US 6,684,227) in view of Wilson (US 6,002,398) provided by applicant.

Regarding claims 1 and 7, Duxbury discloses in a distributed network environment having a server computer system and a plurality of managed resources, each resource maintaining a plurality of objects (see Fig. 1 and corresponding text, Duxbury), a method of representing at least one of the objects comprising:

Art Unit: 2171

- receiving a first schema document that conforms to a property sheet definition such that the first schema document defines a property sheet (see col.2, lines 33, 64, Duxbury);
- receiving a two or more schema documents that conform to a page definition to define a plurality of pages (see col. 8, lines 40-67, Duxbury), wherein at least one page originates from a resource (see col. 6, lines 40-51, Duxbury). “Tabs”  
The details of the content sheet for the selected object corresponds to the property page;
- modifying the property sheet to include the received pages; and wherein the property sheet represents the object (see col. 7, lines 1-5, Duxbury).

Duxbury, however, does not explicitly disclose the property page and modifying the property sheet including the received property pages. Wilson, on the other hand, discloses these limitations (see Summary and col. 3, lines 47 to col. 4, lines 45, Wilson). It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Duxbury as taught by Wilson to include the claim feature because it would provide an efficient and convenient mechanism for managing versions of the document content (see col.1, lines 65-67, Duxbury).

Regarding claims 2 and 8, Duxbury/Wilson combination further discloses that the property sheet comprises object-type information applicable to objects of the same type, and wherein the property pages comprise resource-specific information (see col.8, lines 35-56, Duxbury).

Regarding claims 3 and 9, Duxbury/Wilson combination further discloses receiving a request to display information related to an instance of an object (see col.2, lines 33, 64, Duxbury); accessing the property sheet related to the object-type of the instance of the object; displaying object-type information gleaned from the property sheet; using the property pages of the property sheet, displaying information related to resources associated with the instance of the object; requesting the resources associated with the instance of the object to supply instance-specific information; and displaying received instance-specific information from the associated resources (see col. 7, lines 66 to col. 8, lines 67, Duxbury).

Regarding claim 4, Duxbury/Wilson combination further discloses at least one property page includes a pointer to executable code on its associated resource for resolving a request for instance specific information (see col. 8, lines 12-20, Duxbury).

Regarding claim 5, Duxbury/Wilson combination further discloses the code relates to a search engine on the associated resource (see col. 6, lines 40-45, Duxbury).

Regarding claims 6 and 10, A method as defined in claim 1 wherein the predetermined definitions for the property sheet and property pages are XML document type definitions (see col. 6, lines 48-51, Duxbury).

Regarding claim 11, Duxbury discloses in a network environment having multiple resources, a computer program product readable by a computer and having stored thereon a data structure (see Fig. 1 and corresponding text, Duxbury), comprising:

- a property sheet (see col.2, lines 33-64, Duxbury);

Duxbury, however, does not explicitly disclose the property page and the property pages are stored association with the property sheet. Wilson, on the other hand, discloses these limitations (see Summary and col. 3, lines 47 to col. 4, lines 45, Wilson). It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Duxbury as taught by Wilson to include the claim feature because it would provides an efficient and convenient mechanism for managing versions of the document content (see col.1, lines 65-67, Duxbury).

Regarding claim 12, A computer program product as defined in claim 11 wherein the property sheet relates to object type information and wherein the property pages relate to resource-specific information (see col.8, lines 35-56, Duxbury).

Regarding claim 13, A computer program product as defined in claim 12 wherein at least one property page includes a pointer to executable code on its associated resource for resolving a request for instance specific information (see col. 8, lines 12-20, Duxbury).

### *Conclusion*

2. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.


1. Brown et al. (US 6,501,491) disclose an extensible user interface for viewing objects over a network.

2. Cragun et al (US 6,359,634) disclose a method and computer program product for graphical user interface organization control for extending GUI applications.

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hanh B Thai whose telephone number is 703-305-4883. The examiner can normally be reached on 8 AM - 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet Metjahic can be reached on 703-308-1436. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Hanh Thai   
Art Unit 2171  
February 1, 2004



**UYEN LE  
PRIMARY EXAMINER**